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SGWU NEWS RELEASE

N.R.C. GRANTS \$120,000 TO S.G.W.U.

The National Research Council of Canada has awarded grants totalling \$120,000 to Sir George Williams University to provide additional strength to the Faculty of Engineering in the science of building and fluid control systems.

Under terms of the NRC's negotiated grant program, \$80,000 will be made available over two years to aid in the planning and implementation of a more broadly-based research program that will concentrate initially on fluidics and fluid control systems deemed likely to have a significant technical or economic advantage over other systems. An SGWU low-cost automation laboratory, to open at the end of the year, will be made use of here. Artificial heart pumps and respirators will be part of the study.

A \$40,000 one-year grant will be used to finance a study of research objectives and research and development programs related to a totally integrated building system. Topics to be considered include materials science, building science, mechanical and electrical systems, construction techniques and economics, as well as structural systems. The SGWU Systems Building Centre, home of the largest panelized building research model ever constructed, will be involved here.

The University will establish advisory committees, with membership to include government and industry, to provide guidance and advice in carrying out the two studies.

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Note: More on fluidics from Dr. C. Kwok, 879-4408; on building systems from Dr. Paul Fazio, 879-4039.